BPU-350SATA 3.5”Hard Drive Cage

User’s Manual

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Specification:

Hot Swap	5x3.5”HDD
Cooling Fan	1x80mm
Standard Drive Bays	5.25” Drive: 3
Dimension (W x H x D)	5.75 x 4.96 x 8.11 inches
Material	Aluminum Design with Conductive Dissipation Grooves
HDD Interface	SATA / SAS
Weight	4bs
Cable	SATA Cable Included (5pcs)

Order Information:

Model Number:	Color:	UPC Code:
BPU-350SATA-BLACK	**Black**	846813022606
BPU-350SATA-RED	**Red**	846813000604
BPU-350SATA-BLUE	**Blue**	846813000598
BPU-350SATA-SILVER	**Silver**	846813000611
BPU-350SATA-BPL (lockable handle)	**Plastic**	846813016087

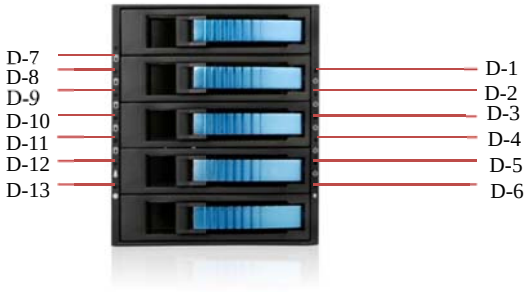
Introduction:

Create more space for hard drive with hot-swap capability, by using the BPU-350SATA HDD cage series that supports RAID 1/0/1+0/5 configuration for high performing data recovery or redundancy application. Its aluminum construction translates into lighter system weight and better heat dissipation. The 80mm fan also help keeps hard drives at maximum performance temperature.

Features:

- Aluminum Frame, Aluminum cover
- Interface: Support SAS-I and SAS-II, SATA-I, SATA-II, SATA-III
- High performance transfer rate: up to 6.0 GB/s for SAS & SATA hard drives
- Plug & play, hot swappable
- SATA 15Pin & 4Pin Power connectors
- LED for P/S, HDD access, Fan sensor & Buzzer
- Power Control Switch
- 3-stage temperature alarm settings & reset switch for buzzer alarm
- 8cm cooling fan X1
- Dim: 8.11(L) X 5.75(W) X 4.96(H) inch
- Patent products with advanced structure design
- Patent balance handle-No skew in/out problem & avoid the abrasion during connection
- Precisely connection on connector

Hardware Information: Front View



D-1 ~ D-5 Power Switch**:** (HD1～HD5, push On\off Power sw)
D-6: Reset Switch for buzzer alarm and overheating**.** Press the Reset Switch (D6) to stop the alarm and LED goes off.
D7-D11 Power and HDD access LED: Power on, LED indicates Green. Orange color blinking for HDD access).
D12 Overheating LED: When overheating occurs, the buzzer alarms. (default Setting is 60ºC and the temperature LED turns red,
Meanwhile, buzzer is alarming and LED is blinking).
D-13: Fan senor LED: LED is indicating Green, when it is working. When fan failed, the LED turn to Red.

BPU-350SATA

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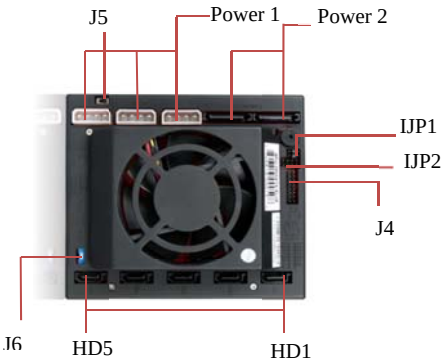
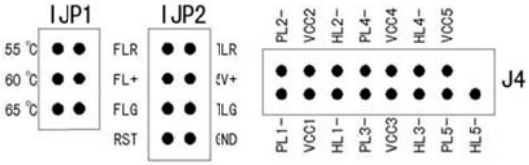
Hardware Information: Rear View



POWER1: 4pin Power connector.
POWER2: 15pin Serial ATA Power connector. There are two types power connection (4pin power &15pin SATA power connector).
(Note: Can be combination uses with 4pin and 15pin powers source).
HD1— HD5: 7pin Serial ATA Signal connector
IJP1: Temperature setting jumper.
IJP2&J4: Extension function jumpers
J5: FAN RPM HIGH & LOW Optional [High 3600rpm & LOW 2800 rpm Options].
J6: HD LED Switch (Top- Enable, lower-Disable).

IJP1 & IJP2/J4 Jumper pin setting:

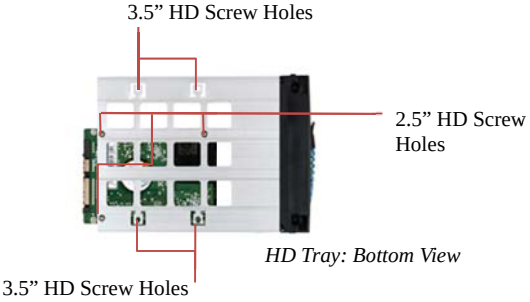


FLEDR: Fan failure detection (red).
FLED+: Fan failure detection (+)
FLEDG: Fan failure detection (green)
TLEDR: Temperature detection (red) 5V+: 5V Power
TLEDG: Temperature detection (green)
GND: Grounded
J4
PL1- ~ **PL5-:** Ext Power LED detection (-)
HL1- ~ **HL5-:** Ext HDD LED detection (-)
VCC1- ~ **VCC5-:** Ext 5V Power (+)

2.5” or 3.5” Hard Drive Disk to the trays Installation:

1. Insert 2.5” or 3.5” Hard Drive into the HDD Tray from the cage.
2. Use the provided screws and fasten HD into highlighted 2.5” or 3.5” holes to the cage trays.
3. Make sure Secure with screw holes from the Bottom of 2.5” or 3.5” Hard Drive’s.
4. After the screw installation, slide the HDD Tray back to the HDD Canister Base.
5. Next, follow the Quick Installation in next page for the rest of the Setup.

Quick Installation Procedure:



HD Tray: Bottom View

1. Opened up the handle bar from the tray, take out the HD trays from the HD cage.
2. Secure all screws to the HD attached with HD tray.
3. Place the hard drive tray(s) with HD installed, back into the cage unit.
4. Push the handling bar into closed position.
5. Connect all necessary data and power cable onto the rear end of cage unit.
   (Make sure that the date cables connected to the motherboard side as well).
6. Turn on the Power of your computer and wait until Operating System finish loading up.
7. Turn on all necessary HD1~HD4 Power Button(s) for each Hard Drive installed.

Note:
For steps 6- if the operating system installed with a HD inside of HD cage, please make sure you do turn on the Power from the cage switches D1/D2/D3/D4 or D5.
For optional RAID Configuration & Setup procedure, please follow the user manual instructions from your SAS/SATA Controller Card or Motherboard.

Accessories:

- **5 SATA cables**
- **Necessary screws**
-

Optional Accessories:

HD Trays	Model Number	UPC Code:
Black	BPU-HSTRAY-BLACK	846813000635
Red	BPU-HSTRAY-RED	846813000659
Blue	BPU-HSTRAY-BLUE	846813000642
Silver	BPU-HSTRAY-SILVER	846813000673
Plastic	BPU-HSTRAY	846813000628

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Our technicians are standing by to take your questions. Visit http://istarusa.com/support/ , and you will receive a technical support ticket to help track your requests from the beginning to the end. Or you can contact us @ 888-989-1189

FCC and CE Radiation Norm
FCC
This equipment has been tested and found to comply with limits for Class B digital device pursuant to Part 15 of Federal Communications Commission (FCC) rules.
CE
This equipment has been tested and found to comply with the limits of the European Council Directive on the approximation of the law of the member states relating to electromagnetic compatibility (89/336/EEC) according to EN 55022 Class B.
FCC and CE Compliance Statement
These limits are designed to provide reasonable protection against frequency interference in residential installation. This equipment generates uses and can radiate radio frequency energy, and if not installed or used in accordance with the instructions may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna, Increase the separation between the equipment and the receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected to.
CAUTION!
The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for the compliance could void the user's authority to operate the equipment.